

November 15, 1996

Mr. H. G. Stanley
Site Vice President
Braidwood Nuclear Power Station
Commonwealth Edison Company
R. R. #1, Box 84
Braceville, IL 60407

SUBJECT: NRC ROUTINE RADIATION PROTECTION INSPECTION REPORTS NO. 50-456/96015(DRS); 50-457/96015(DRS)

Dear Mr. Stanley:

This refers to the inspection completed on October 18, 1996 at your Braidwood facility. The enclosed report presents the results of that inspection.

This inspection included an announced review of the licensee's radiation monitoring system, the control room and auxiliary building filtered Heating, Ventilation, and Air-Conditioning (HVAC) systems, and an inspection of radioactive waste system tank rooms. Special emphasis was placed on operability, and material condition of these systems. In addition, a routine review of activities for the Unit 1 mid-cycle outage was conducted.

This inspection noted that the material condition of the radioactive waste tank rooms was good as evidenced by adequate housekeeping in the areas, minimal contaminated area, and the low number of outstanding work request items for the equipment in these rooms. Likewise the HVAC systems inspected were free of debris and found in good working order.

The radiation monitors inspected were in good working order and appropriate corrective actions were being implemented for the four monitors which exhibit recurring operability problems. However, the inspection identified that the basis document for the alarm set point calculations for these monitors was informally controlled.

This inspection also noted that good radiological controls were being provided by the radiation protection (RP) organization for work activities ongoing during the Unit 1 mid-cycle outage. However, a review of the work control process noted a communication deficiency which contributes to issues not being evaluated or discussed until the final stages of the planning process, especially for short lead time activities.

No violations of NRC requirements were identified during this inspection.

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November 15, 1996

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and the enclosures will be placed in the NRC Public Document Room (PDR).

Sincerely,

Original Signed by Brent Clayton (for)

Geoffrey E. Grant, Director
Division of Reactor Safety

Docket Nos. 50-456; 50-457
Licenses No. NPF-72; NPF-77

Enclosure: Inspection Reports No.
50-456/96015(DRS);
50-457/96015(DRS)

cc w/encl: D. A. Sager, Vice President,
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H. W. Keiser, Chief Nuclear
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